

Selective clogging of failed fibers

Publication number: CN1097847 (A)
 Publication date: 1995-01-25
 Inventor(s): SOFFER ABRAHAM [IL]; SAGUEE SHLOMO [IL]; GOLUB DAN [IL] +
 Applicant(s): ROTEM IND LTD [IL] +
 Classification:
 - International: B01D63/02; B01D 65/10; B01D63/02; B01D65/00; (IPC1-7): B01D63/04; B01D69/08
 - European: B01D63/02B10; B01D65/10
 Application number: CN19941008268 19940527
 Priority number(s): IL19330105875 19930601

Also published as:

CN1050770 (C) ←
 EP0627255 (A1)
 EP0627255 (B1)
 US5575963 (A)
 JP7047247 (A)

more >>

Abstract not available for CN 1097847 (A)
 Abstract of corresponding document: EP 0627255 (A1)

A method of selectively clogging failed hollow fiber s (1,2) of a membrane module packed together with a plurality of non-failed fibers in a shell-and-bore arrangement comprises: (i) Holding the module vertically and bringing the module end into contact with a liquid sealant (9); (ii) Causing the liquid sealant (9) to rise into the failed fibers (1,2) to a height (10,11) greater than that of the failure; (iii) Allowing the sealant to solidify at least partially; (iv) Cutting off a length of the fiber bundle of such height (13) that non-failed fibers bores are exposed while failed fibers remain clogged.



Fig. 1

Data supplied from the *espacenet* database — Worldwide